

Can It Be Real?

Project Learning Tree Activity #11

Program of Studies

Science:

- S-P-SI-1(Ask simple scientific questions that can be answered through observations.)
- S-P-LS-6 (Organisms' patterns of behavior are related to the nature of organisms' environments. There are many different environments (e.g., deserts, rainforests) on Earth that support different types of organisms.)
- S-4-SI-1(Ask simple scientific questions that can be answered through observations combined with scientific information.)
- S-4-LS-7 (Organisms' patterns of behavior are related to the nature of organisms' environments. There are many different environments (e.g., deserts, rain forests) on Earth that support different types of organisms.)
- S-5-SI-1 (Identify questions that can be answered through scientific investigations combined with scientific information.)
- S-5-LS-1(Recognize the relationship between structure and function at all levels of organization (e.g., organ systems, whole organisms, ecosystems.)
- S-6-SI-1(Identify and refine questions that can be answered through scientific investigations combined with scientific information.)
- S-6-LS-2 (Analyze internal or environmental stimuli and organisms' behavioral responses. Explore how organisms' behavior changes through adaptation.)
- S-7-SI-1 (Identify and refine questions that can be answered through scientific investigations combined with scientific information.)
- S-7-LS-4 (Investigate biological adaptation and extinction.)
- S-8-SI-1 (Identify and refine questions that can be answered through scientific investigations combined with scientific information.)
- S-8-LS-5 (Analyze diversity and adaptations (e.g., changes in structure, behaviors, or physiology).)

English Language Arts:

- ELA-P-R-6 (Read a variety of materials to accomplish authentic purposes, including reading for enjoyment, to locate information, and to complete tasks.)
- ELA-4-R-1 (Understand and respond to a variety of reading materials, making connections to students' lives, to real world issues, and/or to current events.)
- ELA-4-R-2 (Recognize characteristics and elements of different kinds of works.)
- ELA-4-R-3 (Utilize features and organizational patterns to interpret transactive reading materials (informational, practical/workplace, and persuasive).)
- ELA-5-R-1 (Identify meaning from a variety of reading materials , making connections to students' lives, to real world issues, and/or to current events.)
- ELA-5-R-2 (Recognize characteristics and elements of different kinds of literary works.)
- ELA-5-R-3 (Identify and apply information contained in directions and forms to complete authentic tasks.)

- ELA-6-I-1 (Develop questions to obtain ideas and information for authentic tasks.)
- ELA-6-I-2 (Identify different types of resources to accomplish a variety of tasks.)
- ELA-6-I-3 (Explore and use research tools to gather information and ideas for authentic tasks.)
- ELA-7-I-1 (Develop effective questions to obtain ideas and information and access resources to address those questions.)
- ELA-7-I-2 (Identify the most appropriate resources to accomplish different tasks.)
- ELA-7-I-4 (Use research tools to gather and organize ideas and information from library, personal, and community resources.)
- ELA-8-I-1 (Follow a logical, organized plan of inquiry to learn and to complete tasks.)
- ELA-8-I-2 (Evaluate the appropriateness of resources and of ideas and information gained through inquiry.)
- ELA-8-I-3 (Create products by accessing a variety of appropriate personal, community, and/or global sources, both print and non-print).)

Core Content

Science:

- SC-E-3.3.2 (The world has many different environments. Distinct environments support the lives of different types of organisms. When the environment changes, some plants and animals survive and reproduce, and others die or move to new locations.)
- SC-M-3.4.1 (Biological change over time accounts for the diversity of species developed through gradual processes over many generations. Biological adaptations include changes in structures, behaviors, or physiology that enhance survival and reproductive success in a particular environment.)

Reading:

- RD-E-2.0.8 (Identify main ideas and details that support them.)
- RD-M-2.0.14 (Summarize information from a passage.)